

16 January 2020

## Problem Solving at John Ferneley College

Standing impressively on a hillside above Melton Mowbray, Leicestershire, the John Ferneley College is an 11-16 Secondary Academy - part of the Mowbray Education Trust. Named after local resident and leading equine painter of the early nineteenth century, the College has performed extremely well in academic terms over the past few years, with GCSE results in the top 10% of schools nationally.



Relcross Door Controls - 4111.MC.LH.US28 & 4111.MC.RH.US28

## Cast Iron Guarantee

LCN 4000 series materials include high-strength cast-iron cylinders, forged steel arms, double heat-treated steel pinions and full complement, low friction bearings for rugged reliability in high-traffic installations. Precise hydraulic control is provided by an all weather fluid that eliminates the need for seasonal adjustments. Should adjustment be needed at installation, the LCN® Fast™ Power Adjust system makes this quick and easy.

Further, many closer manufacturers use inexpensive oil tempered springs but we know that such a spring can lose up to 20% of its power after a few thousand cycles. The chrome silicone springs used in our closers have the strength to perform beyond 10 million cycles.

UK Fire Certification in accordance with BS EN 1634-1:2014 (timber) - 120 mins  
WFRC No. 142058

EN 1154: 1996 + A1: 2002/AC:2006



## Extra Duty Performance

The school is divided into three separate learning zones with three sets of double doors leading through from the main corridor into each zone. At intervals throughout the school day large numbers of people are using the doors simultaneously - some more intent on arriving at their destination than treating the doors (and hardware) with due respect. This is a typically harsh environment where only proven heavy duty door control will survive.

As is often the case, the original door control specification proved to be inadequate, with fire doors failing to close properly after a short period. Fire and life safety is, of course, a priority and Estates Manager Jeff Challis turned to the experts - Relcross Door Controls - who recommended the LCN 4000 series heavy duty closer as an appropriate solution - specifically the 4111 variant with extra duty forged steel arms.



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